

**“SELF-CONTAINED ELECTRONIC MUSCULOSKELETAL
STIMULATION APPARATUS AND METHOD OF USE”**

ABSTRACT OF THE DISCLOSURE

The present invention provides a self-contained electronic musculoskeletal stimulation apparatus that is a battery operated device that applies electronic stimulation to a human with a pre-programmed treatment stimulation protocol to introduce pain relieving electronic stimulation to the body for immediate, symptomatic relief of minor, chronic and acute musculoskeletal aches and pains and mild muscle tension. This invention also provides a method of using a self-contained electronic musculoskeletal stimulation apparatus whereby pain relieving electronic stimulation is applied to the body on predetermined, sequential stimulation points with electronic stimulation being activated at each consecutive stimulation point. Further, this invention provides a method of applying pain relieving electronic stimulation to a body using a self-contained reusable electronic musculoskeletal stimulation bandage with a preprogrammed treatment stimulation protocol. Also provided is a stimulation apparatus that transmits apparatus and patient information by a wireless signal, so the number of times the apparatus was used and intensity level for each use of the apparatus can be determined.